

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	cell with phagocytosis with (pierce or piercing or metal or gold or copper or aluminum or platinum or silver)	US- PGPUB; USPAT	OR	ON	2008/06/22 20:38
S2	108741	cell with (pierce or piercing or metal or gold or copper or aluminum or platinum or silver)	US- PGPUB; USPAT	OR	ON	2008/06/22 20:39
S3	28257	S2 and biological	US- PGPUB; USPAT	OR	ON	2008/06/22 20:39
S4	15759	S2 and biological and (degradation or degrade or degrading or (hydrolytic adj enzyme))	US- PGPUB; USPAT	OR	ON	2008/06/22 20:40
S5	1979	S4 and ((degradation or degrade or degrading or (hydrolytic adj enzyme)) same (pierce or piercing or metal or gold or copper or aluminum or platinum or silver))	US- PGPUB; USPAT	OR	ON	2008/06/22 20:41
S6	666	S4 and ((degradation or degrade or degrading or (hydrolytic adj enzyme)) with (pierce or piercing or metal or gold or copper or aluminum or platinum or silver))	US- PGPUB; USPAT	OR	ON	2008/06/22 20:42
S7	4	S4 and (((degradation or degrade or degrading or (hydrolytic adj enzyme)) with (pierce or piercing or metal or gold or copper or aluminum or platinum or silver)) same (adhere or adherence or adhering))	US- PGPUB; USPAT	OR	ON	2008/06/22 20:43
S8	37728	cell and biological and (probe with cell)	US- PGPUB; USPAT	OR	ON	2008/06/22 20:48
S9	33	cell and biological and (probe with cell with (pierce or piercing))	US- PGPUB; USPAT	OR	ON	2008/06/22 20:48

S10	48	cell and biological and ((phagocytosis or pinocytosis or endocytosis) same (tip or nanotip))	US- PGPUB; USPAT	OR	ON	2009/03/26 20:09
S11	233	cell and biological and (((hydrolytic adj enzyme) or (degrading adj enzyme) or proteinase or (lipid adj degrading adj enzyme)) same (tip or nanotip))	US- PGPUB; USPAT	OR	ON	2009/03/26 20:16
S12	29	cell and biological and (((hydrolytic adj enzyme) or (degrading adj enzyme) or proteinase or (lipid adj degrading adj enzyme)) with (tip or nanotip))	US- PGPUB; USPAT	OR	ON	2009/03/26 20:16
S13	204	S11 not S12	US- PGPUB; USPAT	OR	ON	2009/03/26 20:17
S20	351	(proteoglycans with bind with membrane) and assay	US- PGPUB; USPAT	OR	ON	2009/03/26 23:14
S21	81	(proteoglycans with bind with membrane) same assay	US- PGPUB; USPAT	OR	ON	2009/03/26 23:15
S22	1	(proteoglycans with bind with membrane) with assay	US- PGPUB; USPAT	OR	ON	2009/03/26 23:15
S23	1	(proteoglycans with bind with membrane) with assay	US- PGPUB; USPAT	OR	ON	2009/03/26 23:15
S24	328	(proteoglycans with bind with membrane) and (cell with assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:30
S25	131	(proteoglycans with bind with membrane) and (cell-based adj assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:31
S26	0	(proteoglycans with bind with membrane) same (immobiliz\$) and (cell-based adj assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:31
S27	1	((proteoglycans with membrane) same (immobiliz \$)) and (cell-based adj assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:31
S28	3	((proteoglycans with cell) same (immobiliz\$)) and (cell-based adj assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:33
S29	1	(proteoglycans with (immobiliz \$)) and (cell-based adj assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:40

S30	23	(proteoglycans with (immobiliz\$) and (cell adj based adj assay)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:40
S31	0	(proteoglycan with polysaccharide) and (cell adj based adj assay) and (polysaccharide with immobiliz\$)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:45
S32	12	(proteoglycan with polysaccharide) and (polysaccharide same (immobiliz\$ with cell))	US- PGPUB; USPAT	OR	ON	2009/03/26 23:46
S33	88	(proteoglycan with immobiliz\$) same (cell or membrane)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:52
S34	50	(proteoglycan with immobiliz\$) with (cell or membrane)	US- PGPUB; USPAT	OR	ON	2009/03/26 23:53
S35	186	polylysine with (immobiliz\$ or bind) with (cell or membrane)	US- PGPUB; USPAT	OR	ON	2009/03/27 00:24
S36	64	polylysine with (immobiliz\$) with (cell or membrane)	US- PGPUB; USPAT	OR	ON	2009/03/27 00:24
S37	1	S36 and polystyrenesulfonate	US- PGPUB; USPAT	OR	ON	2009/03/27 00:25
S38	0	polyaniline with (immobiliz\$) with (cell or membrane)	US- PGPUB; USPAT	OR	ON	2009/03/27 00:27
S39	2196	polystyrenesulfonate	US- PGPUB; USPAT	OR	ON	2009/03/27 00:42
S40	0	polystyrenesulfonate with immobiliz	US- PGPUB; USPAT	OR	ON	2009/03/27 00:42
S41	1	polystyrenesulfonate with linker	US- PGPUB; USPAT	OR	ON	2009/03/27 00:42
S42	5	(polystyrenesulfonate with layer) and assay	US- PGPUB; USPAT	OR	ON	2009/03/27 00:43
S43	84	polystyrenesulfonate and assay	US- PGPUB; USPAT	OR	ON	2009/03/27 00:49
S44	4	(polystyrenesulfonate with bind \$) and assay	US- PGPUB; USPAT	OR	ON	2009/03/27 00:50

S45	39	(polystyrenesulfonate with bind \$)	US- PGPUB; USPAT	OR	ON	2009/03/27 00:51
S46	0	((tungsten with electrode) and ((silicon adj nittrade) with (insulated or insulating)))	US- PGPUB; USPAT	OR	ON	2009/03/27 02:16
S47	29619	((tungsten with electrode))	US- PGPUB; USPAT	OR	ON	2009/03/27 02:24
S48	6	((tungsten with electrode) same assay	US- PGPUB; USPAT	OR	ON	2009/03/27 02:24
S49	0	((silicon adj nittrade) with (insulator or insulation)) and (assay or biosensor)	US- PGPUB; USPAT	OR	ON	2009/03/27 12:44
S50	0	((silicon adj nittrade) same electrode) and (assay or biosensor)	US- PGPUB; USPAT	OR	ON	2009/03/27 12:44
S51	0	((silicon adj nittrade)) and (assay or biosensor)	US- PGPUB; USPAT	OR	ON	2009/03/27 12:44
S52	22	((silicon adj nittrade))	US- PGPUB; USPAT	OR	ON	2009/03/27 12:44
S53	28	catalyze same ion same electrode same (detect or detection or detecting)	US- PGPUB; USPAT	OR	ON	2009/03/27 15:45
S54	11	S53 and (acetylcholine or glutamate or gaba or serotonin or neurotransmitters or neuroendocrine or cytokines)	US- PGPUB; USPAT	OR	ON	2009/03/27 16:13
S55	7060	ion same electrode same (detect or detection or detecting)	US- PGPUB; USPAT	OR	ON	2009/03/27 16:21
S56	511	S55 and (acetylcholine or glutamate or gaba or serotonin or neurotransmitters or neuroendocrine or cytokines)	US- PGPUB; USPAT	OR	ON	2009/03/27 16:21
S57	254	S56 and ((cell or neuron) with (detect or detection or detecting))	US- PGPUB; USPAT	OR	ON	2009/03/27 16:22
S58	178	S55 and ((acetylcholine or glutamate or gaba or serotonin or neurotransmitters or neuroendocrine or cytokines) same ion)	US- PGPUB; USPAT	OR	ON	2009/03/27 16:23

S59	111	S57 and ((acetylcholine or glutamate or gaba or serotonin or neurotransmitters or neuroendocrine or cytokines) same ion)	US- PGPUB; USPAT	OR	ON	2009/03/27 16:24
S60	29	S57 and ((acetylcholine or glutamate or gaba or serotonin or neurotransmitters or neuroendocrine or cytokines) same ion same electrode)	US- PGPUB; USPAT	OR	ON	2009/03/27 16:24
S61	0	S56 and (((cell or neuron) with (binding or bind)) same ((release or releasing) with ion))	US- PGPUB; USPAT	OR	ON	2009/03/27 16:47
S62	68	S56 and (((cell or neuron) with (binding or bind)) and ((release or releasing) with ion))	US- PGPUB; USPAT	OR	ON	2009/03/27 16:48
S63	14	S62 and (ion with electrode with (detect or detection or detecting))	US- PGPUB; USPAT	OR	ON	2009/03/27 16:48
S64	2953	((proteoglycan with immobiliz \$) or ((bind or binding) with cell)) and (nail or nail-like or micronail)	US- PGPUB; USPAT	OR	ON	2009/12/12 23:22
S65	2809	S64 and (biological or cellular)	US- PGPUB; USPAT	OR	ON	2009/12/12 23:23
S66	1	((proteoglycan with immobiliz \$) or ((bind or binding) with cell)) and (micronail)	US- PGPUB; USPAT	OR	ON	2009/12/12 23:24
S67	10	S65 and ((nail or nail-like) same (microsize or micro-size or micron or nanometer or micrometer))	US- PGPUB; USPAT	OR	ON	2009/12/12 23:25
S68	51	cell and biological and ((phagocytosis or pinocytosis or endocytosis) same (tip or nanotip))	US- PGPUB; USPAT	OR	ON	2009/12/12 23:38
S69	67	((phagocytosis or pinocytosis or endocytosis) same (tip or nanotip))	US- PGPUB; USPAT	OR	ON	2009/12/13 00:40
S70	16	S69 not S68	US- PGPUB; USPAT	OR	ON	2009/12/13 00:40
S71	19698	(cell same (tip or nanotip)) and biological	US- PGPUB; USPAT	OR	ON	2009/12/13 00:44

S72	11904	(cell with (tip or nanotip)) and biological	US- PGPUB; USPAT	OR	ON	2009/12/13 00:45
S73	114	(cell with (tip or nanotip) with (pierce or piercing or penetrate or penetrating)) and biological	US- PGPUB; USPAT	OR	ON	2009/12/13 00:45
S74	113	S73 not S69	US- PGPUB; USPAT	OR	ON	2009/12/13 00:45

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